



POLIFLEX SMP

LOW VOC CONTENT SINGLE-COMPONENT ADHESIVE WITH SPUR TECHNOLOGY (SILANE TERMINATED POLYURETHANE). FOR ADHERING PARQUET.

FOR PROFESSIONAL USE ONLY

CERTIFICATION:



DESCRIPTION AND USAGE:

Odourless, hygrohardening single component, silane-terminated polymer based adhesive, conforming to EN 14293, for adhering traditional parquet and prefinished flooring on absorbent and non-absorbent substrates. Entirely free from solvents, water, amines, epoxy resins and isocyanates; quick setting and non-shrinking. The synergic action of the silane and polyurethane that comprise the hybrid polymer combine the positive characteristics of both elements. The product therefore offers a high level of cohesion, long-lasting elasticity, an excellent resistance to humidity and an excellent adhesion to substrates. POLIFLEX SMP is a low VOC content product classified as EC1R by the German certification organisation GEV.

PRODUCT CHARACTERISTICS:

Appearance:	thixotropic paste
Colour:	hazelnut brown
Chemical base:	silane-terminated polyurethane (SPUR)
Specific weight:	1.65 g/cm ³
Dry residue:	100 %
Viscosity:	200.000-250.000 mPa.s (spindle 7, RPM 2)
Shore A (DIN 53505):	40-50
Ultimate tensile stress (DIN 53504):	1.9-2 mPa
Elongation:	100-120%
Shear load (EN 14293-DIN 281):	1.8-2 mPa
Adhesive class (EN 14293):	soft
Resistance to temperatures:	-40+90 °C (reticulated)
Type of hardening:	reaction with environmental humidity
Application:	with a flat or Lechner notched trowel no. 6
Yield:	1 – 3 m² per cartridge, depending on use, and the format of the wood to lay, the distance of beads and levelness of the substrate.
Application temperature:	from +10°C to +30°C
Environmental humidity:	50-75%
Working time:	approximately 40' (subsequent formation of skin)
Setting time:	approximately 24 hours.
Cleaning:	with CH CH500 SOLVENT while the product is still fresh
Storage temperature:	from +5°C to +25°C
Shelf life:	12 months in original, unopened containers
Usage:	Internal / external
Suitable for heated underfloors:	YES
Suitable for wheelchairs:	YES
Safety instructions:	See safety data sheet
Packaging:	600 ml cartridges

INSTRUCTION FOR USE: The substrate must be consolidated, in good condition, clean, matured, permanently dry and free of release products such as oils and waxes, excess dust release etc. Maximum permissible humidity content:

- Cement substrates max. 2%; with underfloor heating 1.8%.

- Plaster or anhydrite screed substrates max. 0.5%; with underfloor heating 0.3%.

Check that there are no signs of rising damp. Surfaces with excessive dust release must be treated with suitable primer products such as PRIMER PU, PRIMER PU ANTIDUST, PRIMER PU 150 SPEED or PRIMER PU 300. Substrates with an insufficiently flat or inclined application surface must be levelled with a cement based levelling compound such as FIBRODUR or LEVELFAST, provided the flooring to lay is not very big and instable or of a type of wood that is particularly yielding. Put the cartridge in the gun and apply the product in beads approximately 4-6 mm thick and 5-12 cm apart, depending on the size of items to lay. The bigger the items to lay, the further apart the beads have to be. Lay items making sure they are not put up against perimeter walls to allow for their natural change in shape during the subsequent "acclimatisation" stage, pressing them to ensure contact and support.

OTHER INFORMATION: The application and adhesion times indicated in the product characteristics are for an ambient temperature of +20°C and a relative air humidity of 50%. Allow the product to acclimatise to temperatures of use. Before grinding, sanding and subsequently finishing the wood flooring, wait for the parquet to stabilise.

INSTRUCTION FOR SAFETY AND DISPOSAL: Read the relative product safety data sheet before use. During usage, ensure adequate ventilation and protect the hands with MAGIC PELL cream. Observe applicable safety regulations. Do not dispose of the residual product on soil, in surface water or in drains. When disposing of the product and other waste produced during usage, comply with the terms of Italian Law Decree 152/2006 and subsequent modifications (Unified Environmental Law). For more information, contact our technical support service. The contents of this sheet replace and supersede the contents of the previous edition.

NOTE: The information given herein is based on our extensive theoretical and practical knowledge. However, as it is impossible to go into exhaustive detail, the contents of this sheet are not binding in nature. Please contact our technical service in case of any doubt.